

ABSTRACT OF THE DISCLOSURE

In a radar apparatus for automobiles for transmitting a radio wave, receiving a radio wave reflected from an object and measuring a rate of the object, a digital signal processor has at least two operation modes, a normal operation mode and a low energy consumption mode, and has a function of switching between the operation modes of the digital signal processor in accordance with a signal supplied from a counter (judgement unit) for judging whether a received signal satisfies predetermined conditions. The radar apparatus can reduce consumption power when necessary.